

621.32



PORTFOLIO OF
INDUSTRIAL
ILLUMINATION

PORTFOLIO OF
INDUSTRIAL
ILLUMINATION

FRONT COVER

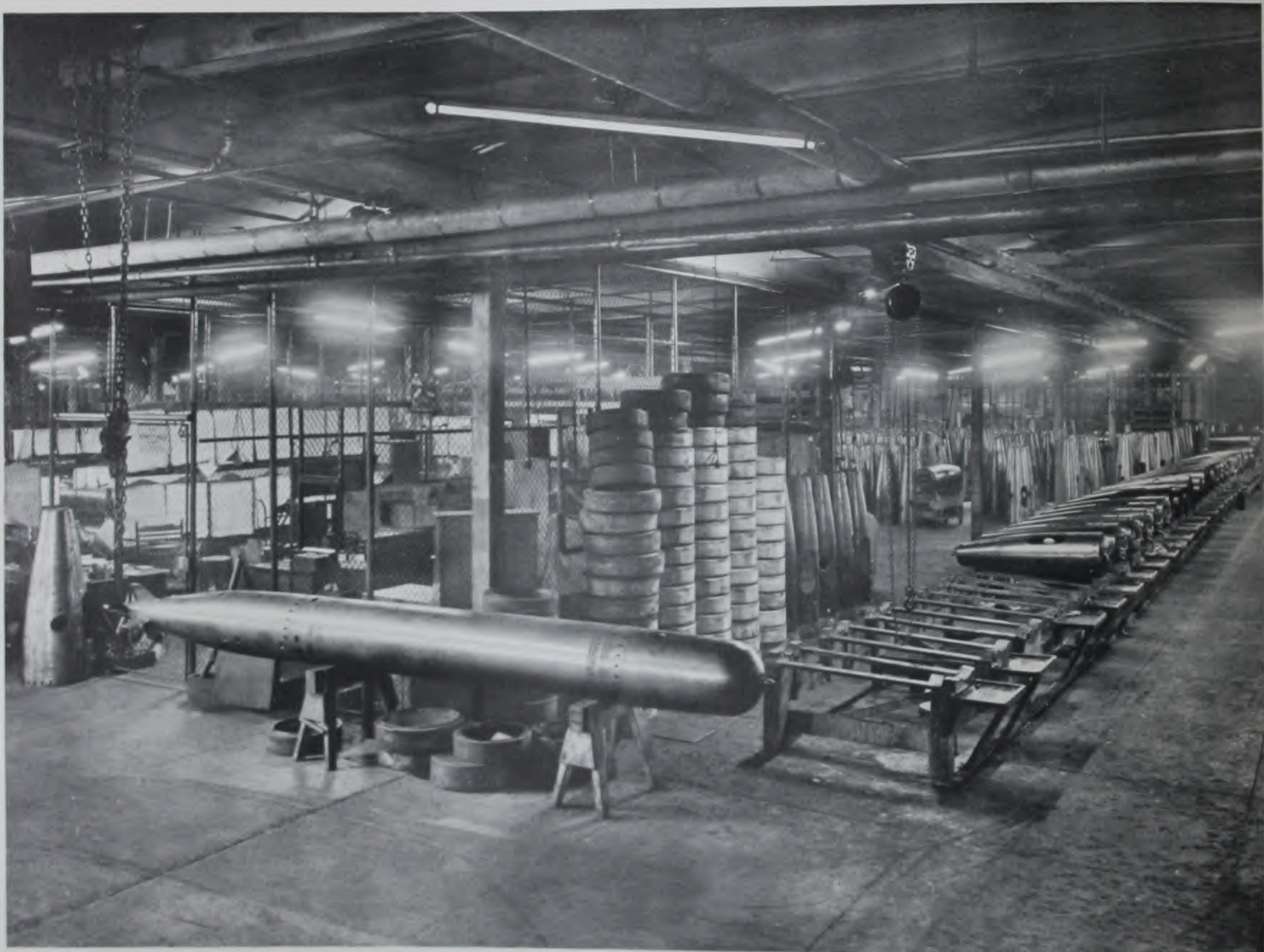
*Night exterior of the Crompton Company's
("All-Weather") Corduroy Mill, Crompton,
Rhode Island, oldest manufacturers of cordu-
roy in the United States.*



SECTION OF THE TORPEDO SHOP

E. W. BLISS COMPANY

BOROUGH OF BROOKLYN, NEW YORK



THREE are 2000 Cooper Hewitt Lamps installed in the Bliss Shops. Torpedoes and shells for the United States and Foreign armies and navies were manufactured under "Better Than Daylight" conditions.



BETTER THAN DAYLIGHT

SECTION OF NEW PLANT

DODGE BROTHERS

DETROIT, MICH.



IN the ordnance plant, a section of which is shown above, parts of recoil mechanisms for howitzers were machined, assembled, inspected and tested. Twelve acres of floor space are illuminated by 1750 Cooper Hewitt Lamps. An additional 1000 lamps are lighting their motor plant in such departments as Machine shops, Press buildings, Die shops, Body Finishing, and Inspecting departments.

BETTER THAN

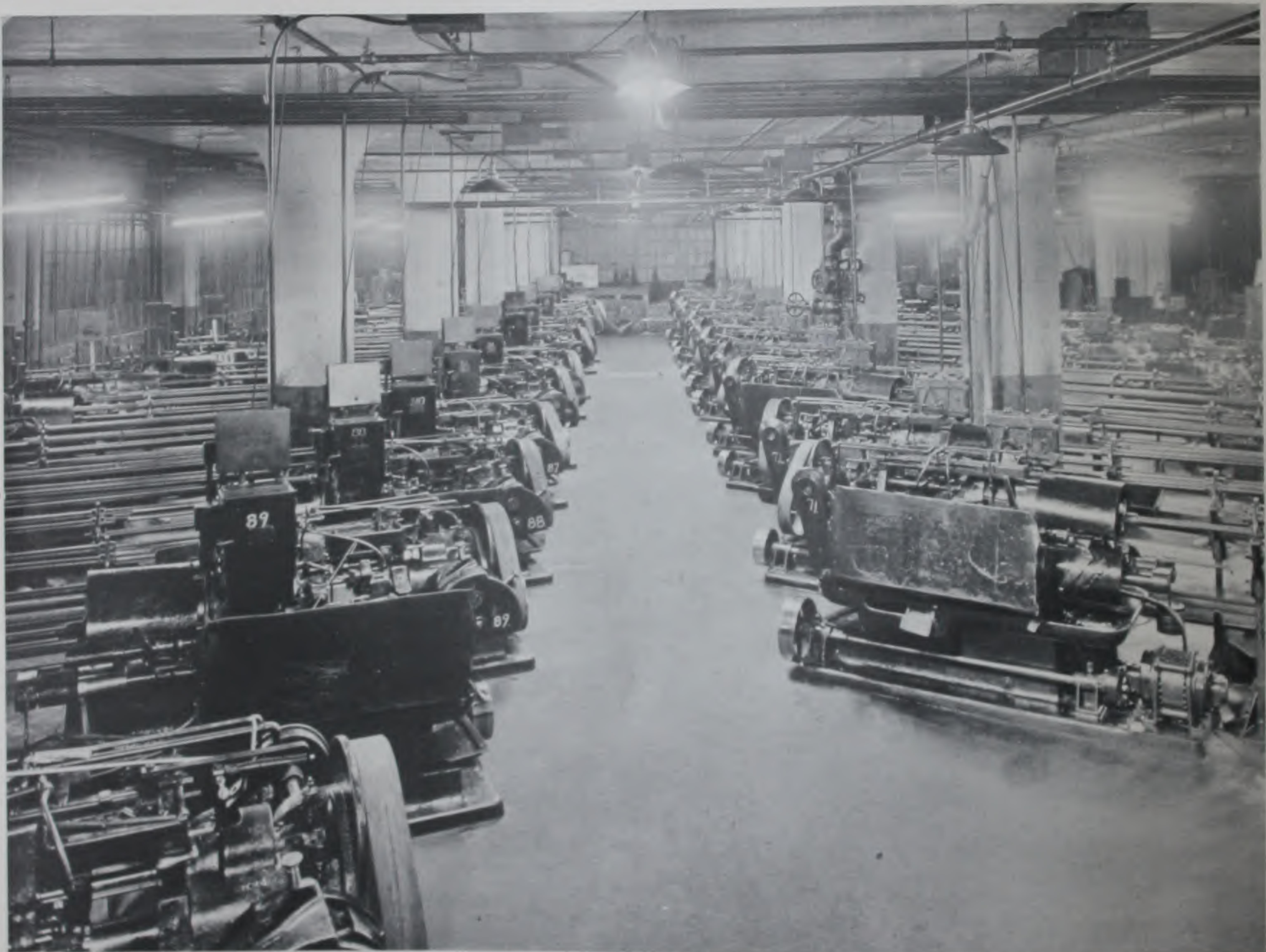


DAYLIGHT

MACHINE SECTION

CHAMPION SPARK PLUG CO.

TOLEDO, OHIO, U.S.A.



THE machine sections are in operation day and night and the quality and quantity of work is the same on both shifts. Parts for 125,000 spark plugs are machined in this section daily, lighted thruout with Cooper Hewitt Lamps. This is the largest spark plug factory in the world. Four-fifths of all the gasoline motors in this country are equipped with Champion Spark Plugs when they leave the manufacturer.



BETTER THAN DAYLIGHT

ERECTING AISLE

THE LIBERTY MACHINE TOOL Co.

HIGH GRADE MACHINE TOOLS

HAMILTON, OHIO, U. S. A.



THIS is where "Quality Planers" are manufactured. This plant has been adjudged "one of the best lighted machine tool plants in the United States". The management state that "when working two full shifts the night production was fully equal to the daylight production."



MAIN AISLE

THE CINCINNATI PLANER CO.

PLANERS & BORING MILLS

CINCINNATI, O. U. S. A.



THIS is where "Cincinnati" high grade planers, boring mills and automatic machines are made.
Since 1906 Cooper Hewitt Lamps have been lighting the way in all departments to the pre-eminent position of quality and workmanship for which this product is justly famous.

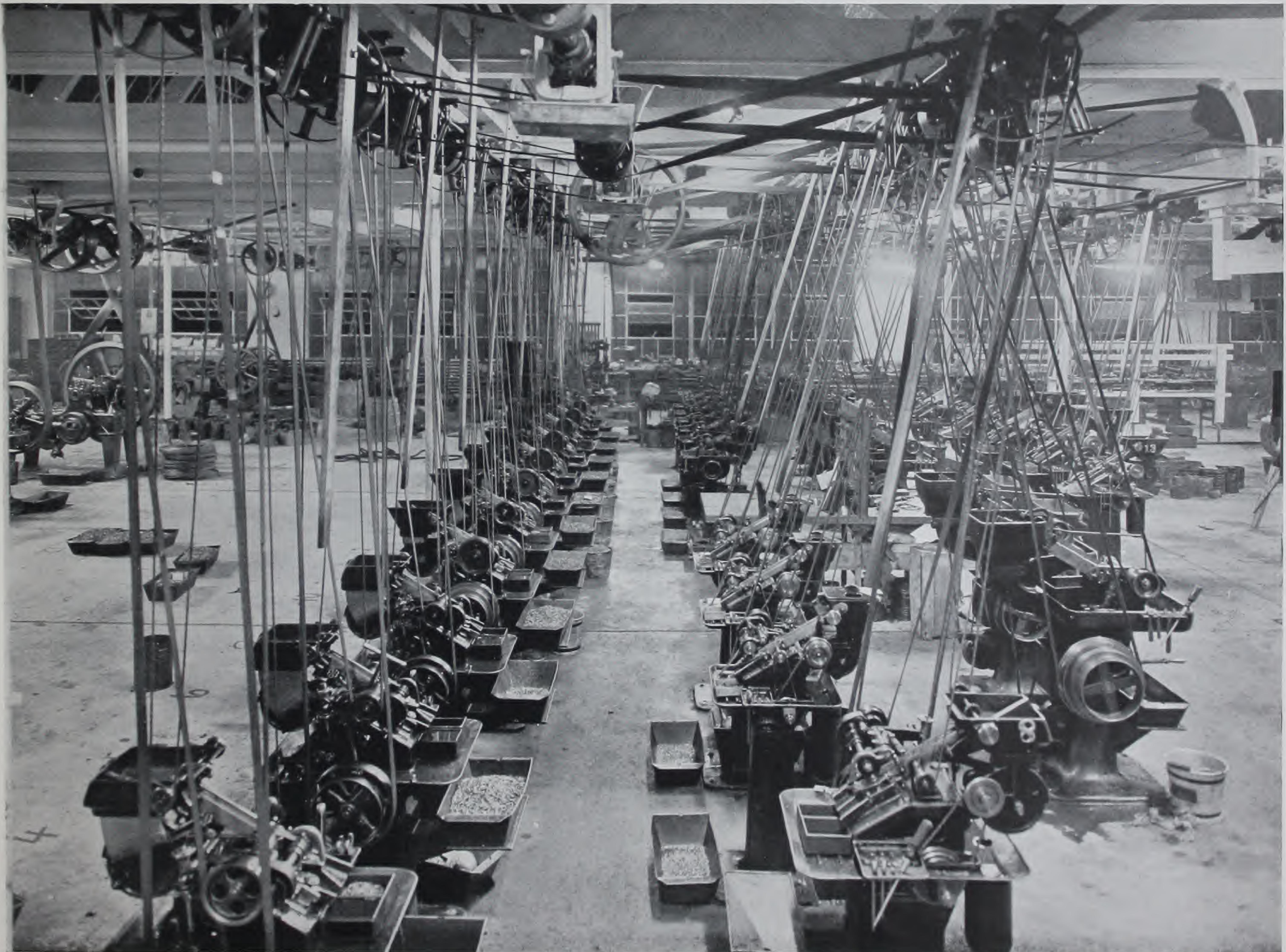
BETTER THAN DAYLIGHT



SCREW MAKING MACHINES

PHEOLL MANUFACTURING CO.

CHICAGO, ILL.



WE are able to turn out the same quantity and quality of work at night as is possible with the best daylight. This is equivalent to an increase in production of 10% in comparison with our former lighting".

P. H. McCAIN,
V. P. and Gen. Mgr.

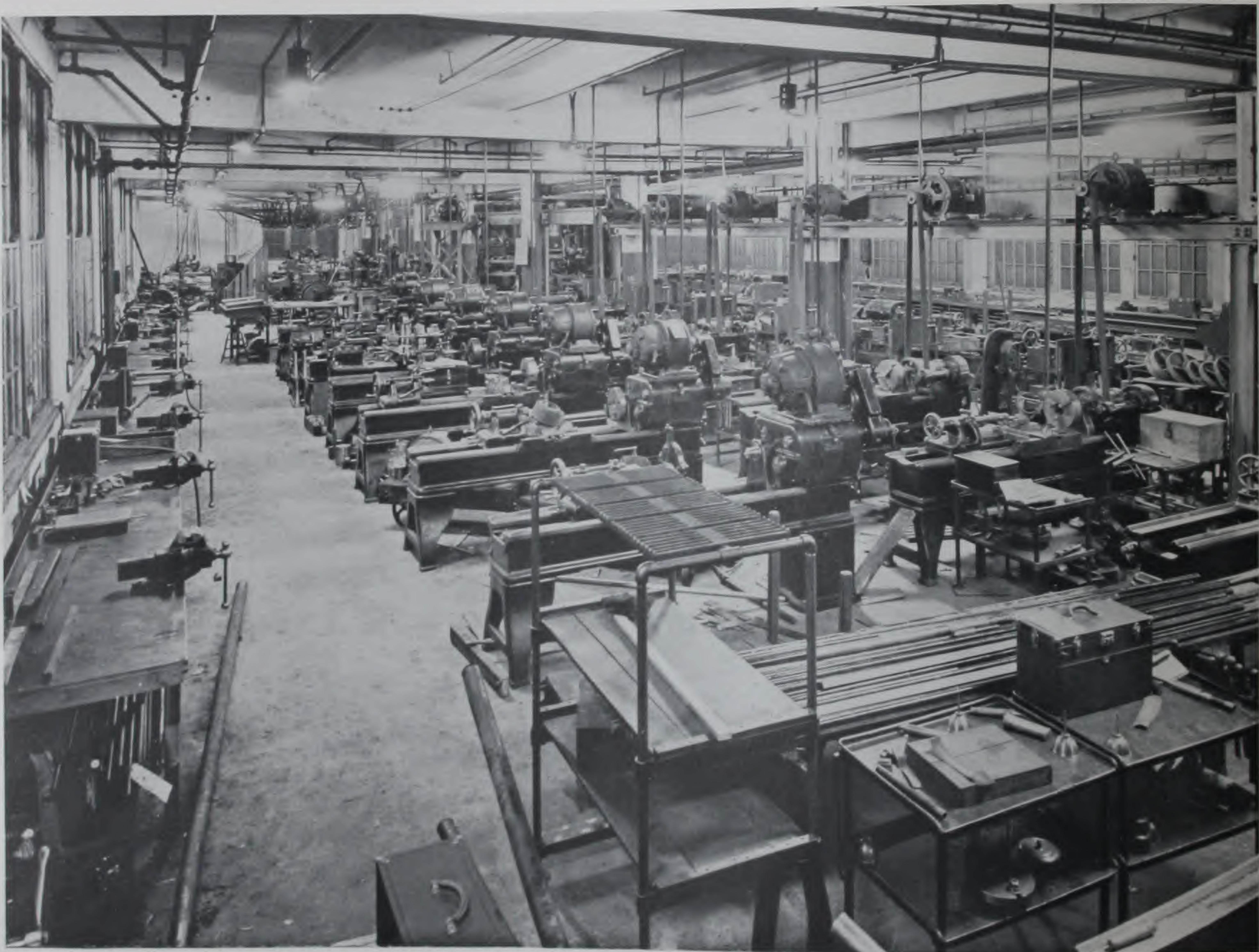
BETTER THAN DAYLIGHT



TOOL ROOM

The Cincinnati Milling Machine Co.

Cincinnati, Ohio



CINCINNATI Millers and Universal Cutter Grinders are well known in every shop. No effort has been spared to secure the best equipment, therefore the plant is illuminated by over 350 Cooper Hewitt Lamps at an average of 1.3 watts per square foot.

BETTER THAN

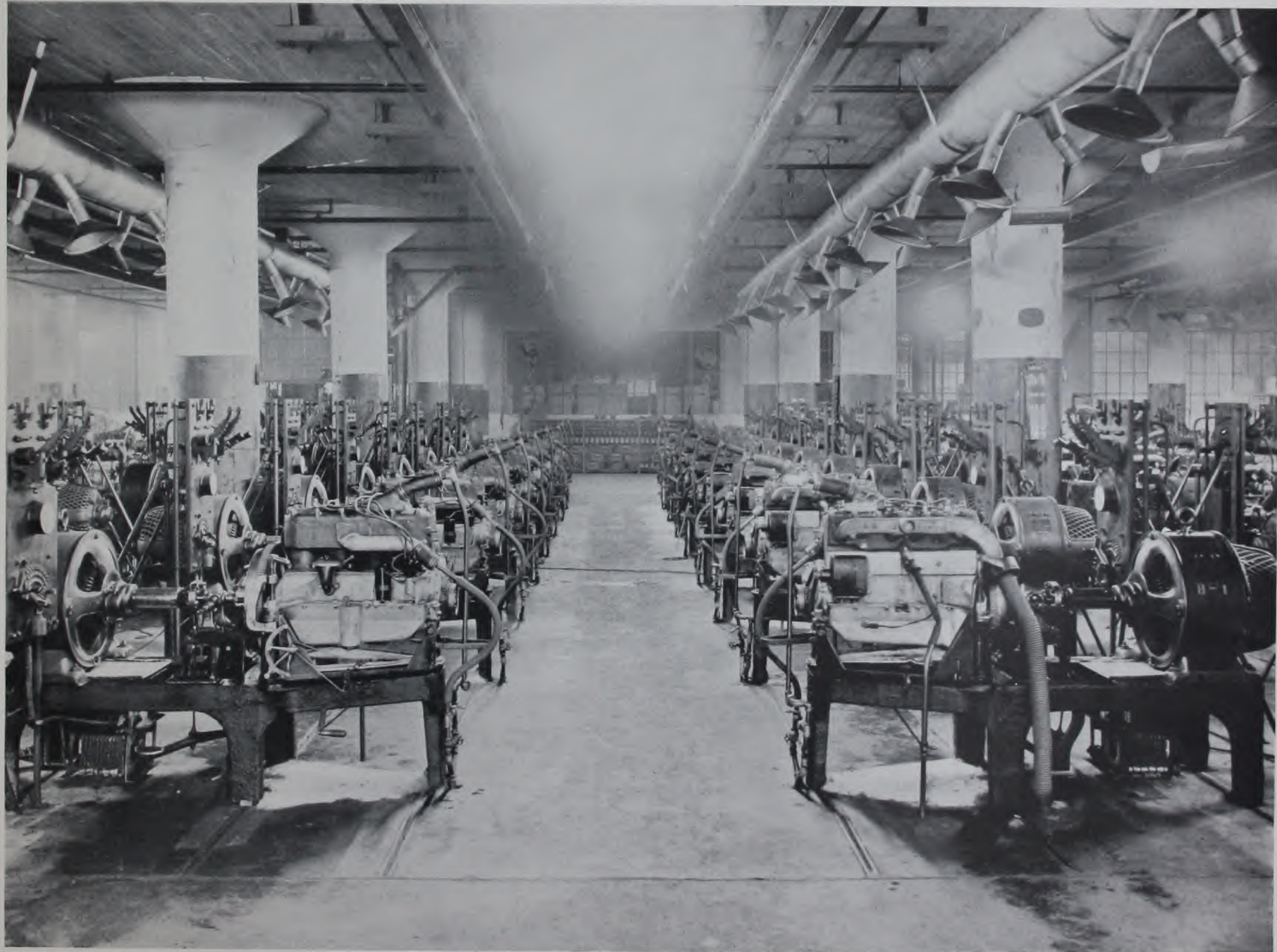


DAYLIGHT

ENGINE TESTING ROOM

The Willys-Overland Company

TOLEDO, OHIO



THE Chief Tester says: "More motors are tested and fewer adjusters are required since 'Better than daylight' lamps have been put in service." The Electrical Engineer says: "The light from the Cooper Hewitt Lamp penetrates the smoke and vapor, lighting up all parts of the engines." Many other departments in this plant are equipped with Cooper Hewitt Lamps.

BETTER THAN DAYLIGHT



ASSEMBLING DEPARTMENT

A V E R Y C O.

MILWAUKEE, WIS.



“**T**HIS installation was designed to cover bench work and floor assembly without any drop lights and has accomplished its purpose.” This layout typifies a particular phase of illumination, i. e., having the lamps at a normal height in a department with a high ceiling and crane rails. It will be seen that there is ample light and no dark shadows above the crane rail, while below the illumination and diffusion are perfect. All this, with a current consumption of .75 of a watt per square foot.

BETTER THAN



DAYLIGHT

MACHINE SHOP

Ford Motor Company

DETROIT, MICH.



THE Ford Motor Co. is so well known, little can be said except that this company was among the first automobile manufacturers to recognize the value of the quality of the Cooper Hewitt Lamp. Today 10,000 lamps are illuminating the various departments of this Company.

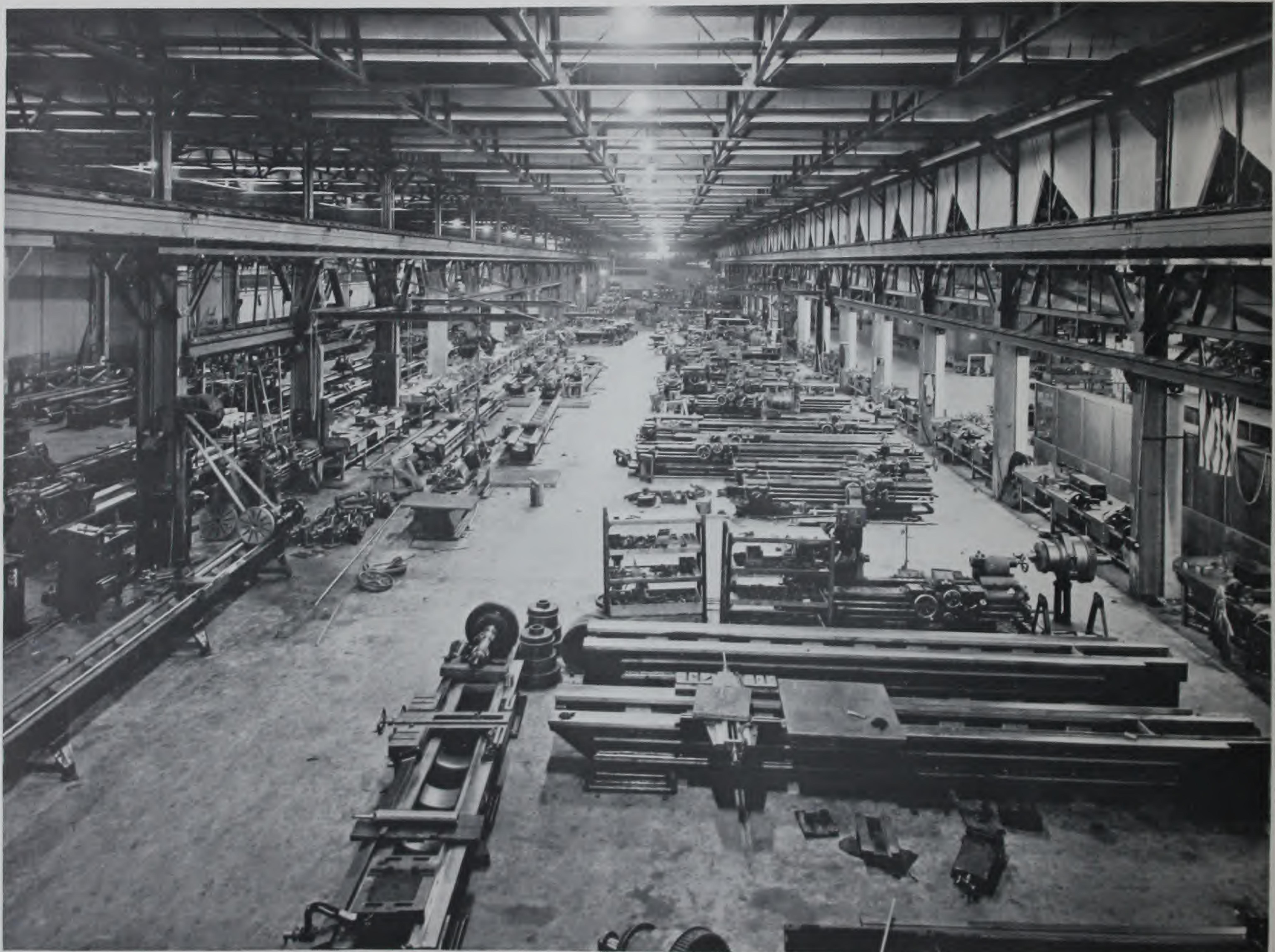
BETTER THAN DAYLIGHT



HIGH AISLE

THE R. K. LEBLOND MACHINE TOOL CO.

CINCINNATI, OHIO



THE above photograph shows the assembling of lathes, 78 feet long, used for cutting the bores in large guns. Over 400 Cooper Hewitt Lamps are illuminating these shops to "better than daylight" conditions.

BETTER THAN



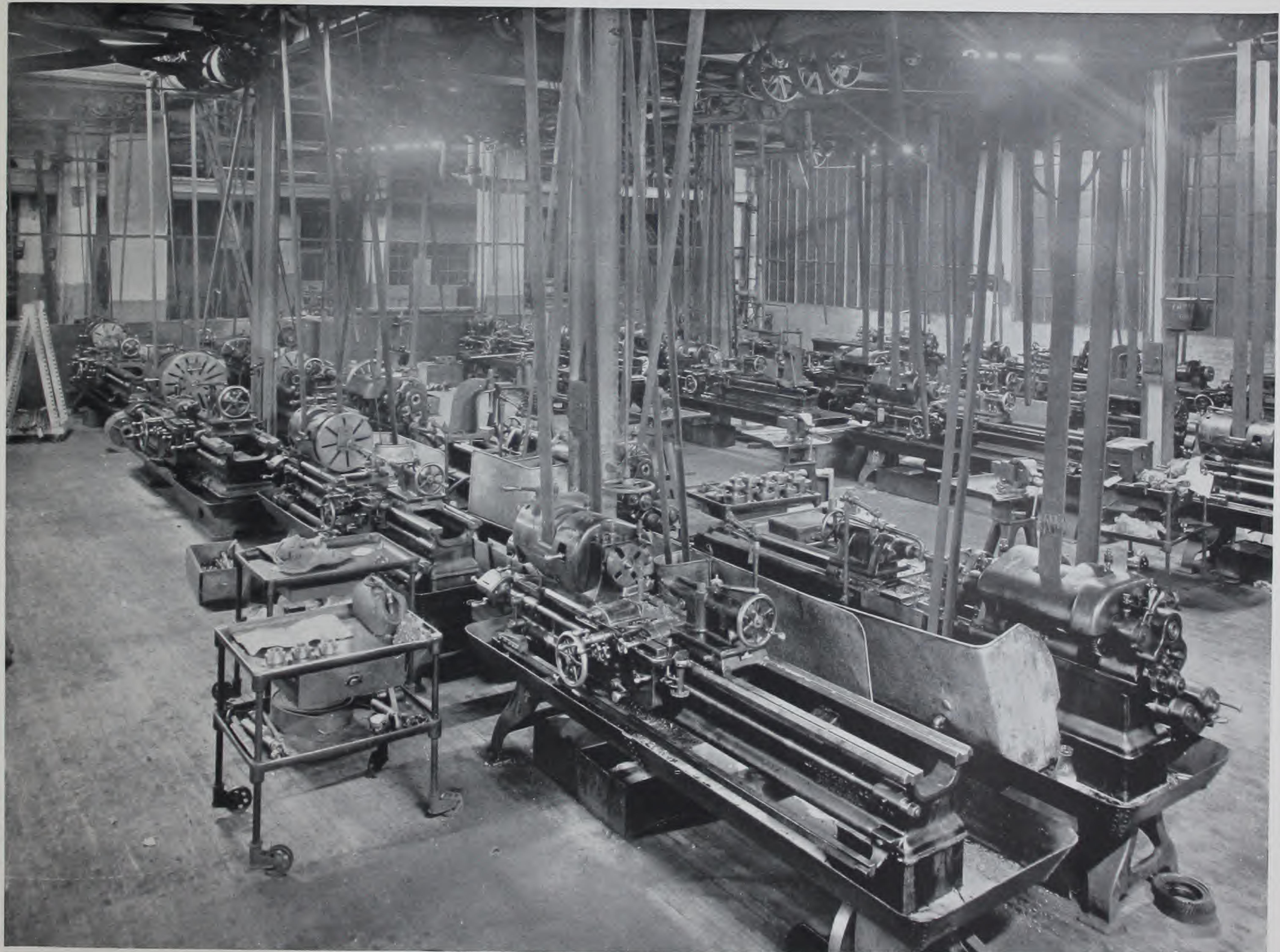
DAYLIGHT

MACHINE SHOP

MOTOR PRODUCTS CORPORATION

GENERAL OFFICES AND MAIN PLANT

DETROIT, MICH.

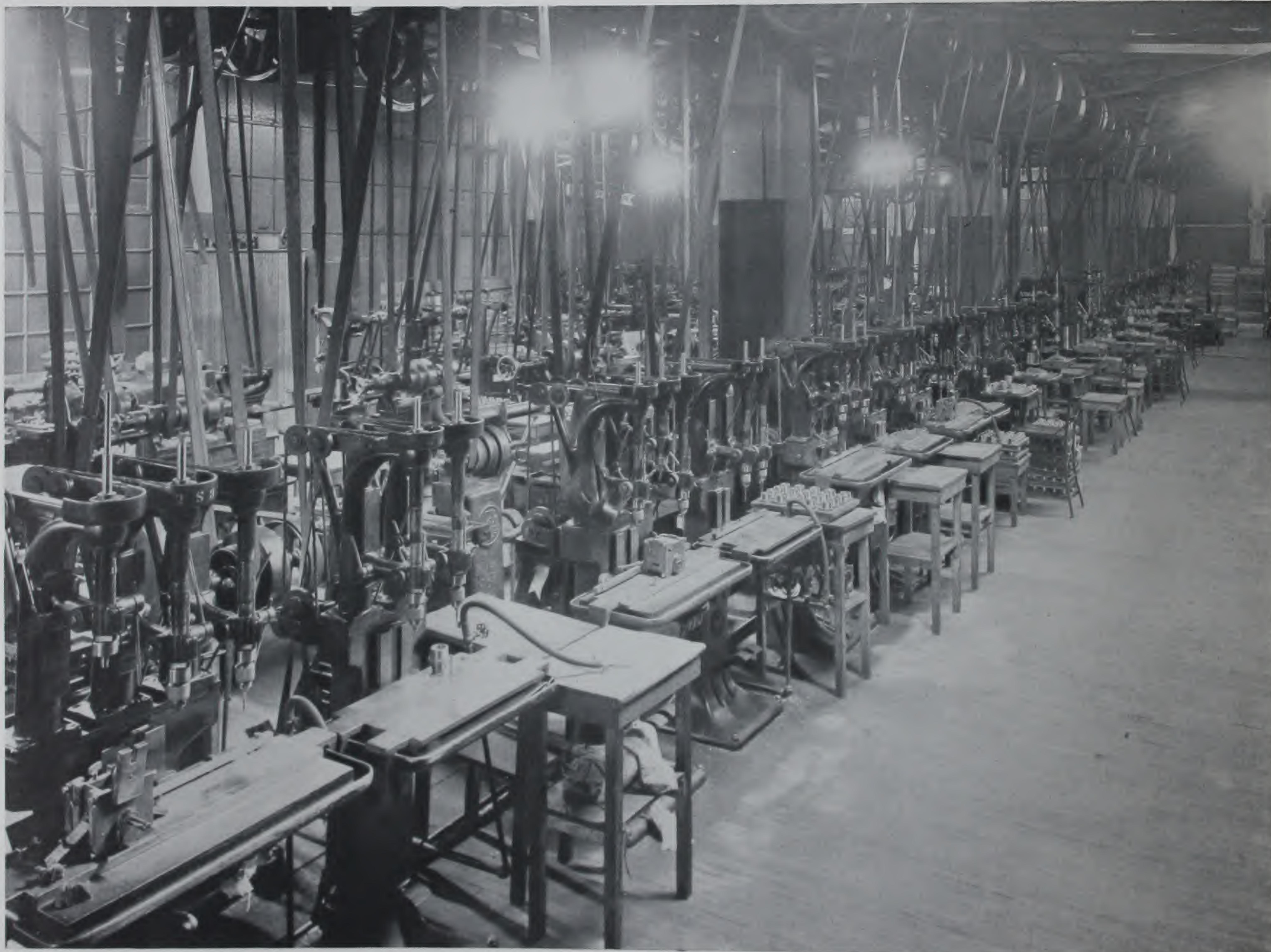


“THE Cooper Hewitt lighting system which we are using throughout our plant is giving entire satisfaction. Cooper Hewitt Lamps produce a steady light without shadow and have increased our production very materially over the system which they replaced.” (Signed) ROY R. SEELEY, Production Manager. The Motor Products Corporation manufactures parts for motors and bodies for automobiles. They are lighting their entire plant with 1200 Cooper Hewitt Lamps.

BETTER THAN DAYLIGHT



DRILL PRESS DEPARTMENT
DETROIT SCREW WORKS
SCREW MACHINE PRODUCTS
DETROIT, MICH.



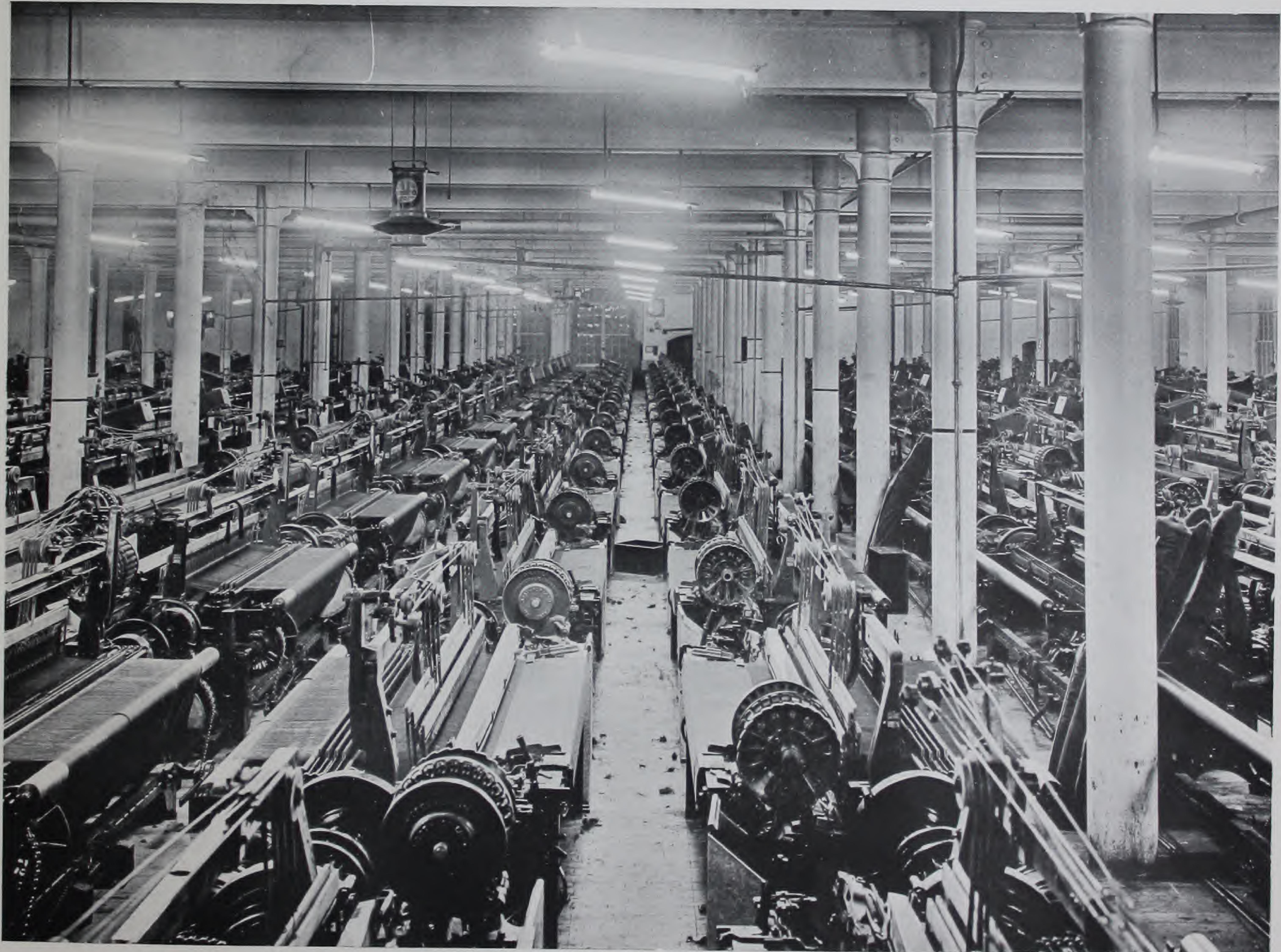
THREE years ago 24 Type F Cooper Hewitt Lamps were placed in the above department. Today the entire plant is illuminated by Cooper Hewitt Lamps. Mr. F. P. Johnson, the President, states "The operators are well pleased with the lighting and the Cooper Hewitt System has proven satisfactory to the management."



WEAVE SHED

PACIFIC MILLS

LAWRENCE, MASSACHUSETTS



THE Textile Industry is one to which the Cooper Hewitt Lamp is peculiarly adapted. The above photograph shows the weave shed in the worsted department of the Pacific Mills. One 200 watt Cooper Hewitt Lamp is placed over every five looms. This method was adopted after 10 years use of Cooper Hewitt Lamps. Due to the restful green color of this light the eye is enabled to distinguish the finest detail in the manipulation of cloth, with a total absence of eye strain.

BETTER THAN DAYLIGHT



SPINNING DEPARTMENT

CROMPTON Co.

CROMPTON, R. I.



IN the above mill it has been demonstrated that it is possible to operate two eight hour shifts, both being successful in operation. "If any difference is noticeable the second shift is better in producing quality and quantity than the first, or daylight shift." The spinning mules in this plant which are illustrated in the above photograph are lighted by two Type P Cooper Hewitt Lamps each. These mules are 94 feet long. The thread can be plainly seen from the opposite end of the mules. The attendant shown in the photograph looked after this pair of mules and stated he could distinctly see when the thread was down at the far end.

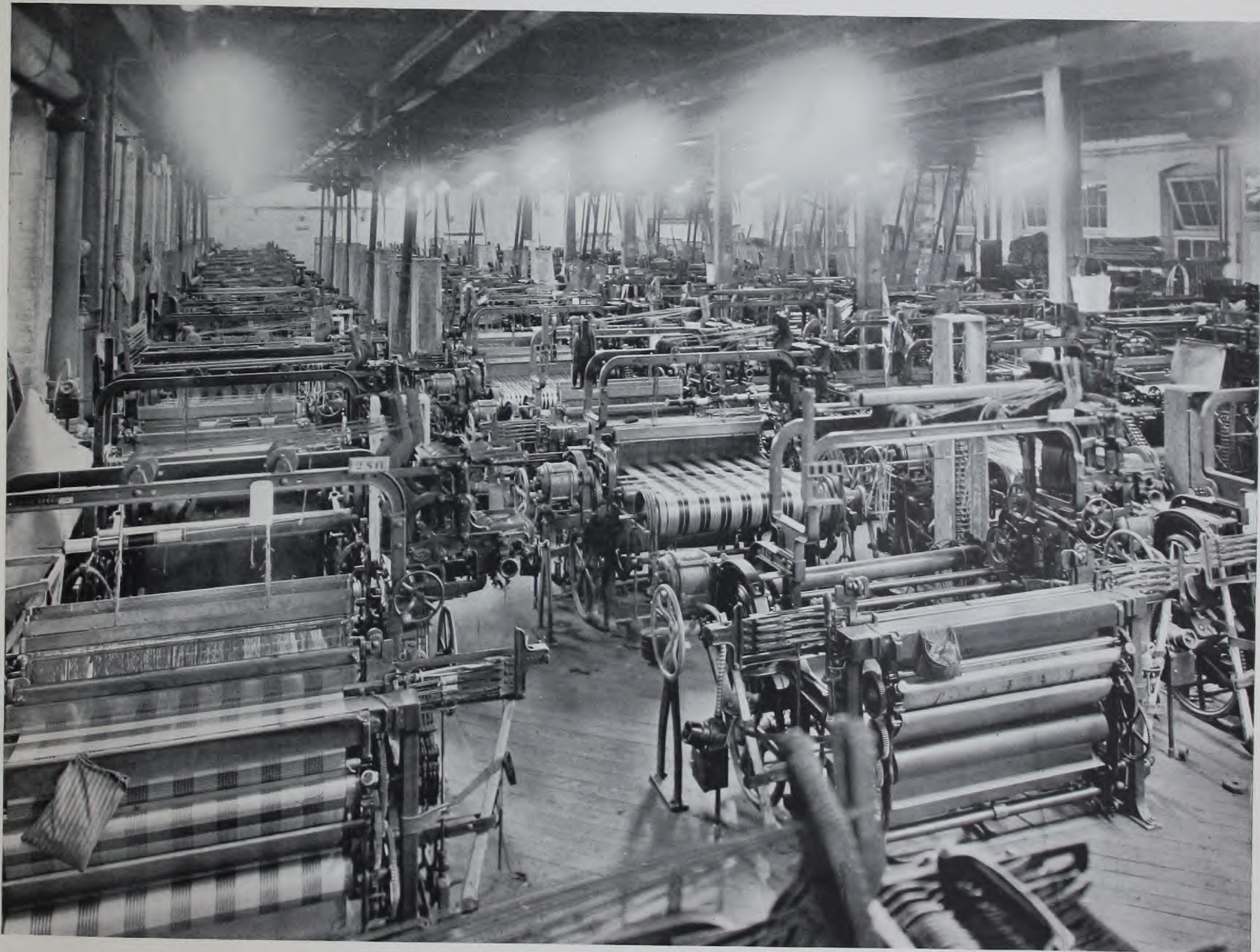


BETTER THAN

DAYLIGHT

LOOM ROOM

POST & SHELDON CORPORATION
ALLENTOWN, PA.



THE above photograph is of one of the leading silk mills in the United States equipped with Cooper Hewitt Lamps to better their working condition and increase their production. The photograph is taken in one of the seven silk mills operated by Post & Sheldon, all of which are equipped with Cooper Hewitt Lamps.

BETTER THAN DAYLIGHT



WINDING ROOM

Stehli Silks
Corporation.

LANCASTER, PA.




DUUE to the superior results obtained by the use of Cooper Hewitt Lamps in this mill the expression "BETTER THAN DAYLIGHT" was evolved by the operatives. Today approximately seven acres of floor space in this mill are illuminated with Cooper Hewitt Lamps. This Company is the largest Silk Company in the United States, if not in the world, and is a splendid example of textile illumination with Cooper Hewitt Lamps.

Cooper Hewitt Electric Co.

General Offices: 95 River Street Works: Eighth and Grand Streets
HOBOKEN, N. J.

DISTRICT SALES OFFICES

Boston, Mass.	-	-	-	-	-	-	161 Summer Street
Chicago, Ill.	-	-	-	-	-	-	Fisher Building
Cincinnati, O.	-	-	-	-	-	-	First Nat. Bank Building
Cleveland, O.	-	-	-	-	-	-	Engineers Building
Detroit, Mich.	-	-	-	-	-	-	Ford Building
Los Angeles, Cal.	-	-	-	-	-	-	Keesee Engr. Corp.
Milwaukee, Wis.	-	-	-	-	-	-	Security Building
Philadelphia, Pa.	-	-	-	-	-	-	Drexel Building
Pittsburgh, Pa.	-	-	-	-	-	-	Westinghouse Building
St. Louis, Mo.	-	-	-	-	-	-	Central Nat. Bank Bldg.
Syracuse, N. Y.	-	-	-	-	-	-	University Building



[BLANK PAGE]



CCA